

Pre Shipment Testing

Made in Malaysia cleanroom gloves are set through several pre-shipment tests to evaluate and specify the cleanliness of the gloves, for use in controlled environments. These include tests for particulates and extractable residues, as well as organic and inorganic materials, as follows:

IC - Ion Chromatography Test

Identifies and quantifies the total amount of inorganic ions (positive and negative) present on the glove surface. This ensures low extractable levels to minimise ion contamination.

NVR - Nonvolatile Residues Test

Examines contamination on the glove surface. The test is used to determine low non volatile residues to ensure optimal product quality.

FTIR - Fourier Transform Infrared Spectroscopy

An analytical technique used to identify organic, polymeric, and in some cases, inorganic materials. This method uses infrared light to scan test samples and observe their chemical properties. This ensures gloves are free from particles, residues, films or fibres that can affect product quality, safety or function.

LPC - Liquid Particle Counting

Measures the size and distribution of particles in liquid or solid samples. This test determines low airborne and liquid-borne particle contamination, acting as an effective barrier against human hand contamination.

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Made in Malaysia Cleanroom Gloves
Reliable & Quality Assured

ESTABLISHED REPUTATION

With more than 140 years history, Malaysia has an established reputation in the rubber industry. Malaysia is currently the world's largest exporter of natural rubber gloves and nitrile gloves.



PRODUCT VARIETY

Available in various materials, specifications and finishing to meet specific requirements and preferences. The gloves, whether made from natural rubber or nitrile, can be manufactured to various lengths, weights, sizes and colours, sterile or non-sterile.

Advantages of Made In Malaysia Cleanroom Gloves

Modern Manufacturing Processes & Facilities



The gloves are processed with Deionised Water using state-of-the-art processes, designed to provide minimum contamination, maximum operational efficiency and improved user comfort.

Processed With High Resistivity Deionised (DI) Water



The gloves are processed with DI water to further reduce residual contaminants after chlorination, by removing excess particulates, extractable ions, and nonvolatile residues. Gloves are then dried, tested and packaged to ensure a desired particle count is achieved.

Meet International Standards



Made in Malaysia cleanroom gloves are produced to meet international standards such as ASTM D3578 (for natural rubber) and ASTM D6319 (for nitrile). The gloves are suitable for use in Class 10, Class 100 or Class 1000 cleanroom environments (ISO Class 4 and above). The gloves also have good electrostatic discharge (ESD) properties that will protect products and equipment from damage or degradation caused by contamination and electrostatic discharges.

Certified Manufacturing Processes



Manufacturing processes are conducted in cleanrooms certified by the National Environmental Balancing Bureau (NEBB) and overseen by well-trained operators, adhering to clean protocols. All manufacturing processes are certified to ISO 9001 management system standards.



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